

## Abstract

~~Switching equipment~~

- 5 Switching equipment <sup>is provided</sup> for a communication network, <sup>by which</sup> ~~whereby~~ the switching equipment (1) is connected via a plurality of connecting paths (9 - 15) to a plurality of adjacent switching equipment <sup>units</sup> (2, 3). The switching equipment (1) is authorized for allocating a transmission channel and occupying corresponding bandwidth for a few of the connecting paths (9 - 11) when a connection request is present, whereas the
- 10 correspondingly adjacent switching equipment (2, 3) is authorized for allocating a transmission channel for the other connecting paths (12 - 15). The switching equipment (1) comprises <sup>storage</sup> ~~storing means~~ (16) that contains bits of information about the resources, which are allocated and occupied by the adjacent switching equipment <sup>units</sup> (2, 3). When the switching equipment (1) is not able to select a suitable connecting path
- 15 (9 - 11), for which it is authorized for allocating a transmission channel, the switching equipment (1), on the basis of the bits of information deposited in the <sup>storage</sup> ~~storing means~~ (16), detects an adjacent switching equipment (2, 3) that is highly likely to be able to allocate sufficient resources for the present connection request.

20 ~~(Figure 1)~~